

Converting Colors

XYZ(26.7420, 15.5811, 20.4124)

Have a look what the booklet for
XYZ(26.7420, 15.5811, 20.4124)
contains.

XYZ(26.8264, 15.6626, 20.3482)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8264, 15.6626,
20.3482)**

Conversions

Conversions Part 1

Format	Color
Hex	C03A7B
RGB	192, 58, 123
RGB Percent	75%, 23%, 48%
CMY	0.2471, 0.7725, 0.5176
CMYK	0.00, 0.70, 0.36, 0.25
HSL	331°, 54%, 49%
HSV	331°, 70%, 75%
XYZ	26.8264, 15.6626, 20.3482
YIQ	105.4760, 58.9990, 48.6230

Conversions

Conversions Part 2

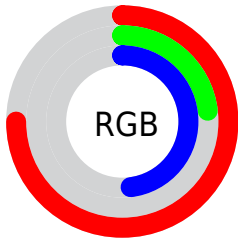
Format	Color
R_{YB}	192, 58, 123
Decimal	12597883
CIE _{Lab}	46.53, 58.46, -6.54
CIE _{LCh}	47, 58.822, 353.619
Yxy	15.6626, 0.4269, 0.2493
Android (android.graphics.Color)	4290787963 (0xFFC03A7B)
YUV	105.4760, 8.6393, 75.8815
Hunter-Lab	39.5760, 51.7373, -2.7810

Details

The XYZ color **26.8264, 15.6626, 20.3482** is a dark color, and the websafe version is hex **993366**. The color can be described as dark muted rose. A complement of this color would be **24.4262, 40.1315, 26.5399**, and the grayscale version is **13.5233, 14.2276, 15.4938**.

A 20% lighter version of the original color is **54.0135, 36.0521, 44.6694**, and **11.0675, 5.5627, 6.9690** is the 20% darker color. If you saturate the color by 10%, you get **25.4445, 13.8397, 16.9865**, and if you desaturate by 10%, it is **28.6325, 18.2337, 24.1600**.

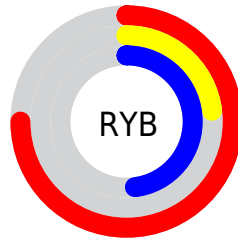
Distribution



Red (75%)

Green (23%)

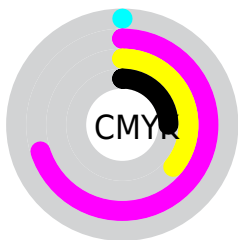
Blue (48%)



Red (75%)

Yellow (23%)

Blue (48%)

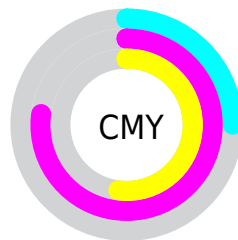


Cyan (0%)

Magenta (70%)

Yellow (36%)

Black (25%)



Cyan (25%)

Magenta (77%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8264, 15.6626, 20.3482 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.8264, 15.6626, 20.3482 by changing the saturation by 10% instead.

■ 26.8264, 15.6626,
20.3482

■ 26.8264, 15.6626,
20.3482

278.9985,
227.3425, 266.4603

■ 17.5788, 9.2857,
12.4618

■ 54.0270, 36.0115,
44.8668

■ 10.7459, 4.9280,
6.9327

■ 72.7108, 50.7522,
62.3361

■ 5.9622, 2.2051,
3.3422

■ 95.2706, 69.0498,
83.8369

■ 2.8626, 0.7228,
1.2719

■ 122.0719, 91.2884,
109.7875

■ 1.0815, 0.0000,
0.0386

■ 153.4799,
117.8526, 140.6066

■ 0.0096, 0.0000,
0.0000

189.8602,

■ 0.0000, 0.0000,

149.1268, 176.7128

0.0000

231.5779,
185.4953, 218.5245

■ 26.8264, 15.6626,
20.3482

■ 26.8264, 15.6626,
20.3482

■ 25.4445, 13.8397,
16.9865

■ 28.6325, 18.2337,
24.1600

■ 24.4411, 12.6769,
14.0503

■ 30.8993, 21.6232,
28.4423

■ 23.7335, 12.0117,
11.5025

■ 33.6604, 25.8958,
33.2150

■ 23.7197, 11.9991,
11.4518

■ 36.9459, 31.1090,
38.4961

■ 40.7834, 37.3156,
44.3027

■ 45.1986, 44.5642,
50.6507

■ 50.2152, 52.9002,
57.5554

■ 55.8560, 62.3665,
65.0314

■ 62.1420, 73.0034,
73.0927

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.1937, 15.6626, 39.5483



26.8264, 15.6626, 20.3482



25.7222, 15.6626, 8.1365

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.8264, 15.6626, 20.3482



11.3131, 15.6626, 2.1329



9.8215, 15.6626, 50.8457

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.8264, 15.6626, 20.3482



24.4262, 40.1315, 26.5399

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7.6231, 15.6626, 30.8612



26.8264, 15.6626, 20.3482



8.3376, 15.6626, 5.2768

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.8264, 15.6626, 20.3482



15.9966, 15.6626, 1.6358



7.1493, 15.6626, 14.1359



13.8296, 15.6626, 62.5575

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.8264, 15.6626, 20.3482



23.1167, 15.6626, 4.1356



7.1493, 15.6626, 14.1359



8.8867, 15.6626, 44.4692

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.8268, 15.6634, 20.3485



72.7530, 65.7505, 78.5809



19.4859, 11.1929, 51.0026



15.1803, 13.4118, 16.2183



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8268, 15.6634, 20.3485



45.0145, 23.7691, 27.7292



24.0156, 14.5389, 5.5446



10.2722, 10.1575, 11.5238



15.9999, 8.0897, 7.9114



0.7261, 0.3635, 0.5252

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.8268, 15.6634, 20.3485



45.0145, 23.7691, 27.7292



30.1094, 42.4048, 56.4671



10.2722, 10.1575, 11.5238



15.9999, 8.0897, 7.9114



0.7261, 0.3635, 0.5252

Previews

White Background



This preview shows how the XYZ color 26.8264, 15.6626, 20.3482 looks on a white background.

Color Contrast Check

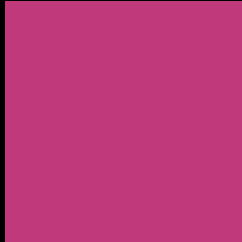
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.8264, 15.6626, 20.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

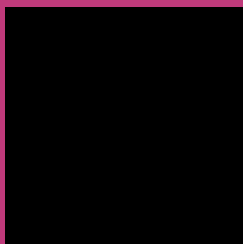
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8264, 15.6626, 20.3482

Background



This preview shows how black text looks on a background with the XYZ color 26.8264, 15.6626, 20.3482.



This preview shows how white text looks on a background with the XYZ color 26.8264, 15.6626,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.8264, 15.6626, 20.3482

Protanopia

16.3783, 15.8584, 34.0960

Deuteranopia

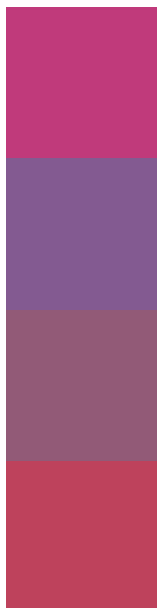
16.1227, 15.9080, 18.7438



Tritanopia

24.4464, 15.7071, 8.3999

Trichromacy



Original Color

26.8264, 15.6626, 20.3482

Protanomaly

18.1271, 14.1820, 28.5701

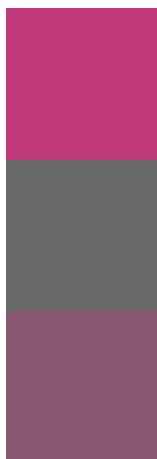
Deuteranomaly

18.8400, 14.7552, 19.3078

Tritanomaly

25.1152, 15.6163, 11.8157

Monochromacy



Original Color

26.8264, 15.6626, 20.3482

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.7309, 13.4677, 17.0469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8264, 15.6626, 20.3482 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 58, 123)` looks like.

```
.text, #text, p{  
    color:rgb(192, 58, 123)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 58, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 58, 123) }
```

Border

The CSS property to change the border of an element to XYZ 26.8264, 15.6626, 20.3482 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 58, 123) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 58, 123) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 58, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 58, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 58, 123);  
box-shadow:4px 4px 4px 4px rgb(192, 58,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8264, 15.6626, 20.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 58, 123) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192, 58,  
123) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor